

Data File : VU029684.D
Acq On : 26 Feb 2019 16:10
Operator : JC/SP
Sample : K1621-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 27 01:56:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 27 01:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	464953	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	445734	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	217109	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	146400	42.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.94%
7) Chloroethane-d5	1.68	69	131955	43.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.14%
11) 1,1-Dichloroethene-d2	2.27	63	218080	32.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.50%
21) 2-Butanone-d5	4.17	46	212969	102.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.72%
24) Chloroform-d	4.65	84	266963	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.62%
26) 1,2-Dichloroethane-d4	5.31	65	177733	50.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.60%
32) Benzene-d6	5.34	84	601568	53.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.28%
36) 1,2-Dichloropropane-d6	6.33	67	185672	55.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.04%
41) Toluene-d8	7.56	98	563785	49.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.52%
43) trans-1,3-Dichloropropene-	7.85	79	85271	47.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.28%
47) 2-Hexanone-d5	8.31	63	168781	89.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	278118	48.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	234446	50.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.22%

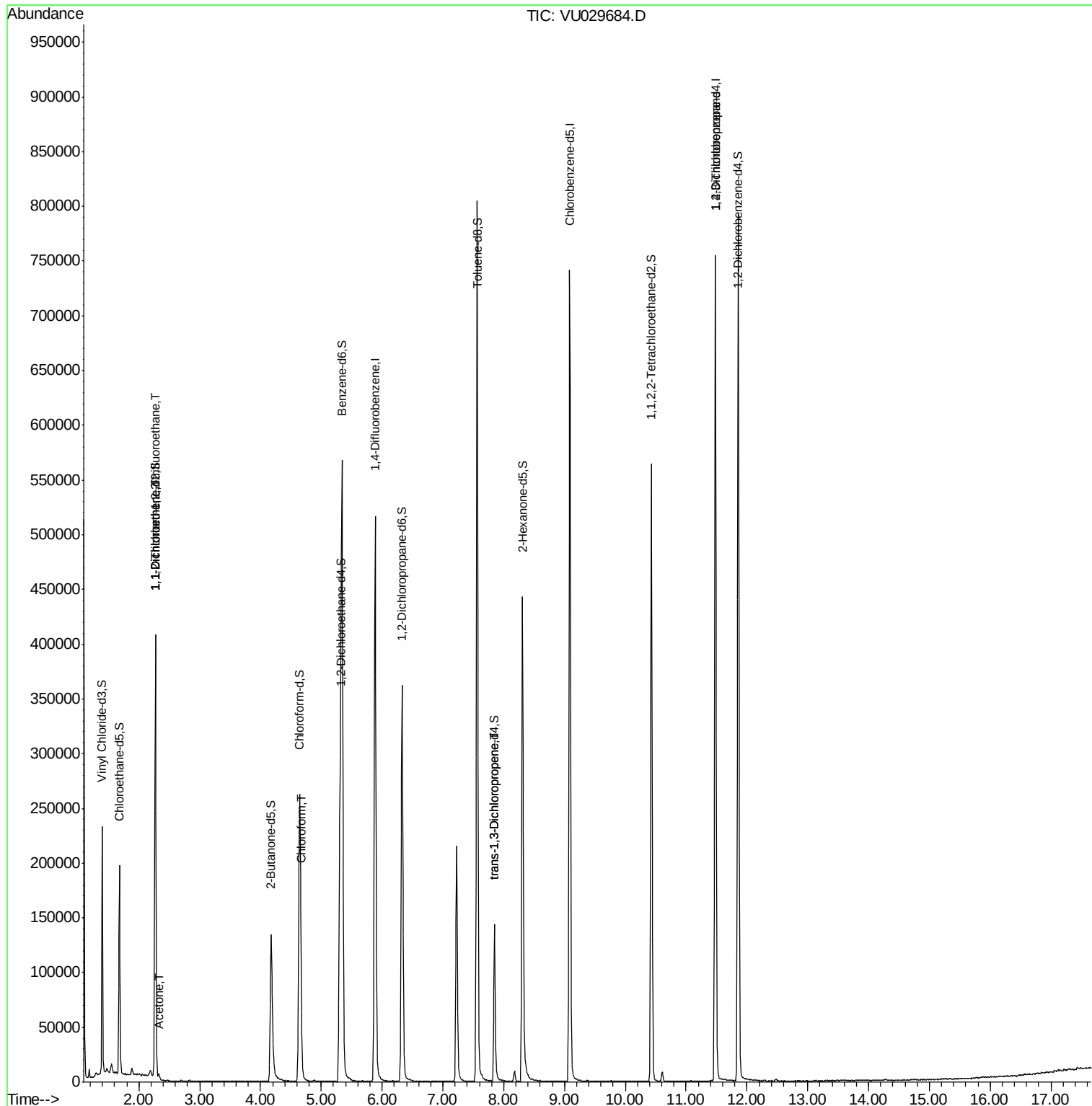
Target Compounds

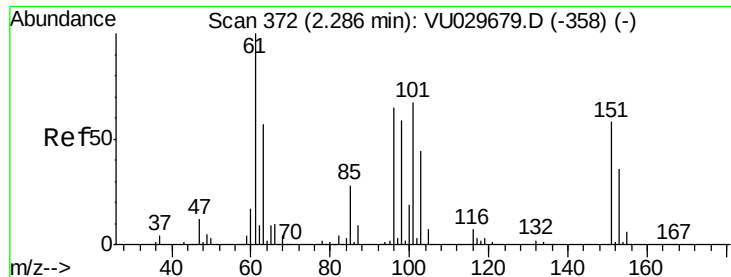
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2337	0.722 ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1931	0.627 ug/L #	1
13) Acetone	2.32	43	3020	1.363 ug/L	92
25) Chloroform	4.67	83	16848	3.073 ug/L	100
44) trans-1,3-Dichloropropene	7.85	75	3669	0.804 ug/L	88
59) 1,2,3-Trichloropropane	11.48	75	22611	5.286 ug/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU029684.D
Acq On : 26 Feb 2019 16:10
Operator : JC/SP
Sample : K1621-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 27 01:56:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 27 01:53:00 2019
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.722 ug/L

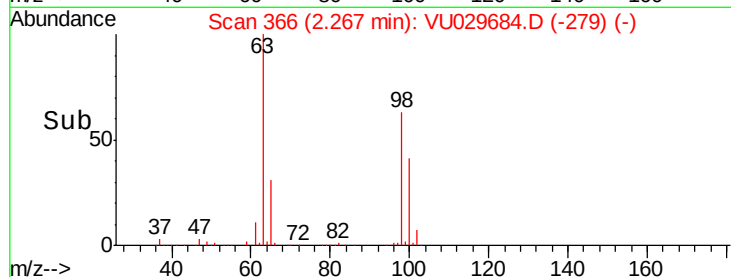
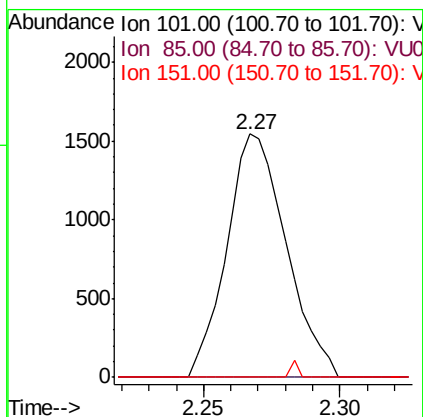
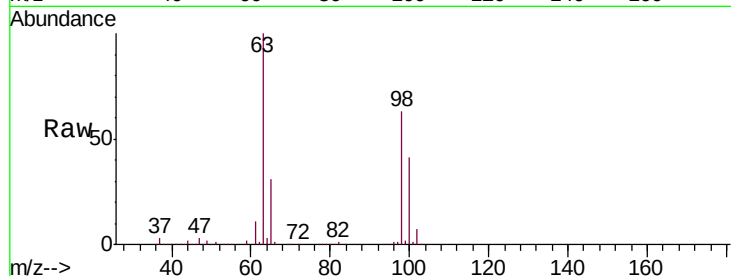
RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU029684.D

Acq: 26 Feb 2019 16:10

Tgt Ion:	101	Resp:	2337
Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.0	49.6#
151	0.0	65.7	98.5#



#12

1,1-Dichloroethene

Concen: 0.627 ug/L

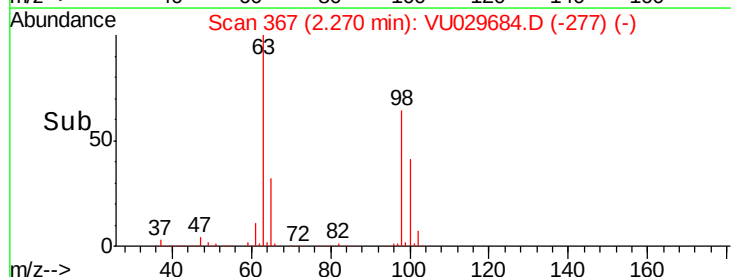
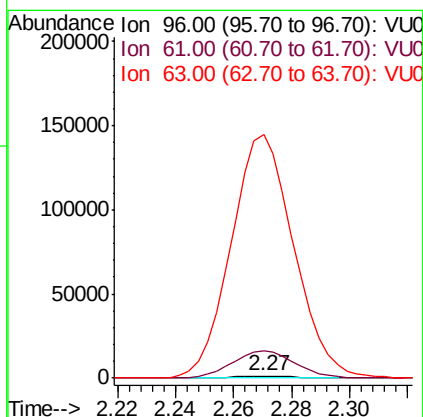
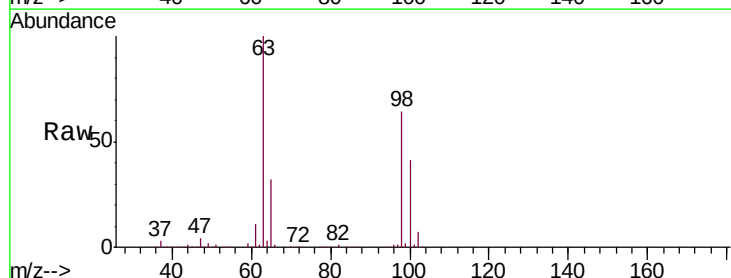
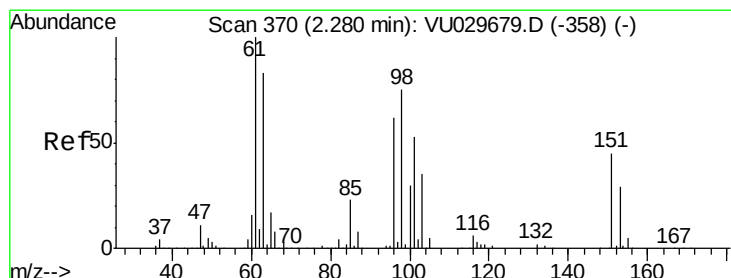
RT: 2.27 min Scan# 367

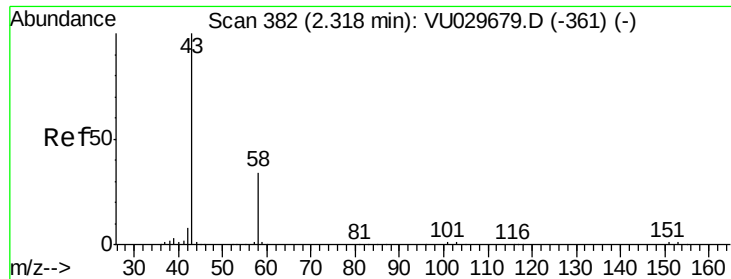
Delta R.T. -0.01 min

Lab File: VU029684.D

Acq: 26 Feb 2019 16:10

Tgt Ion:	96	Resp:	1931
Ion	Ratio	Lower	Upper
96	100		
61	1242.0	114.0	211.8#
63	10937.6	98.7	183.3#





#13

Acetone

Concen: 1.363 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029684.D

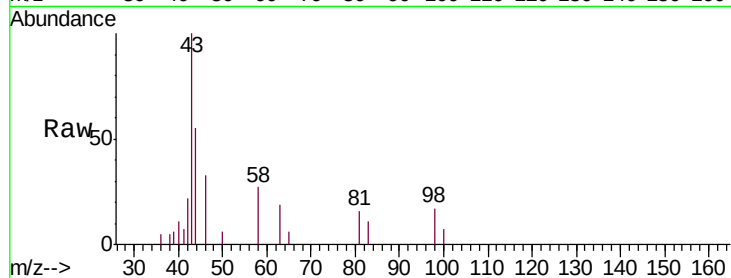
Acq: 26 Feb 2019 16:10

Tgt Ion: 43 Resp: 3020

Ion Ratio Lower Upper

43 100

58 28.7 0.0 66.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2500

2000

1500

1000

500

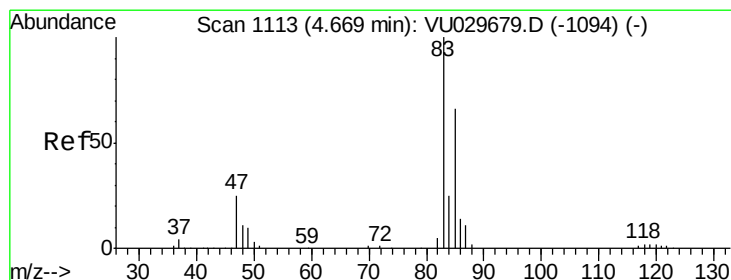
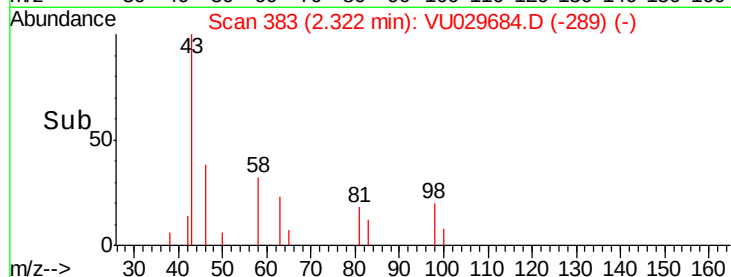
0

2.30

2.32

2.35

Time-->



#25

Chloroform

Concen: 3.073 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU029684.D

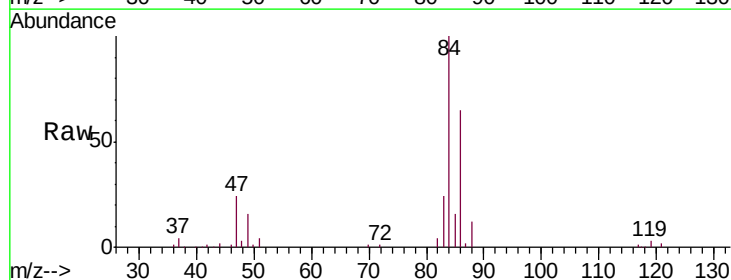
Acq: 26 Feb 2019 16:10

Tgt Ion: 83 Resp: 16848

Ion Ratio Lower Upper

83 100

85 64.6 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

6000

4000

2000

0

4.60

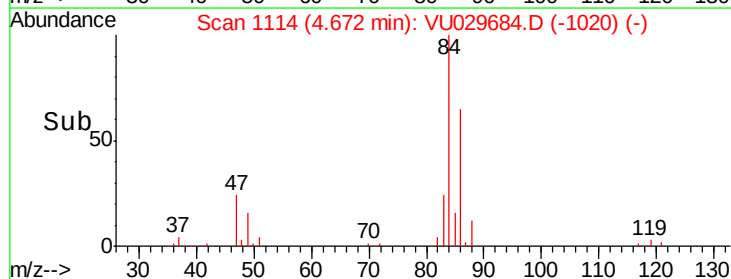
4.65

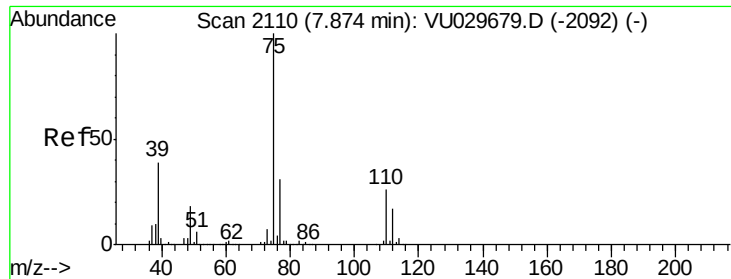
4.67

4.70

4.75

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.804 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU029684.D

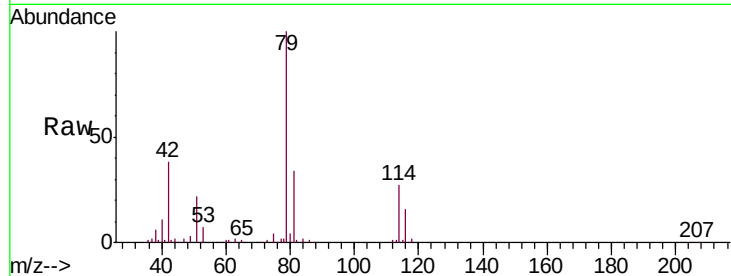
Acq: 26 Feb 2019 16:10

Tgt Ion: 75 Resp: 3669

Ion Ratio Lower Upper

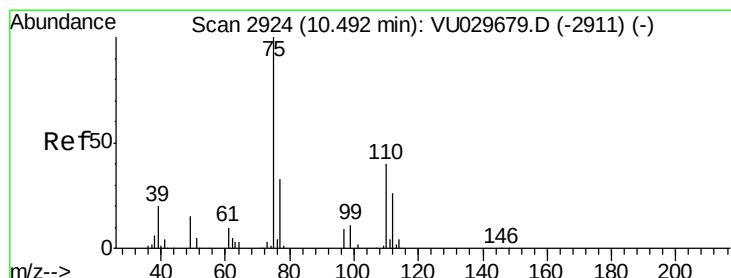
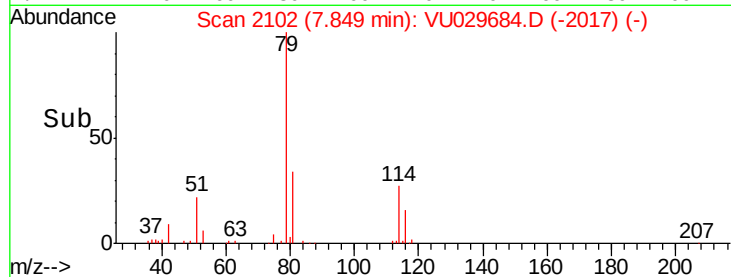
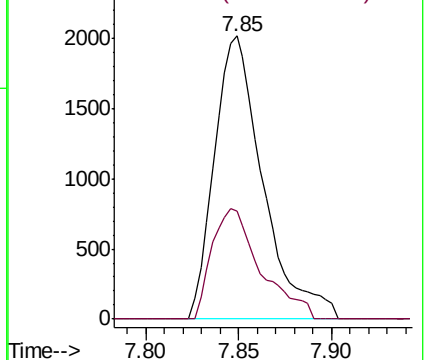
75 100

77 38.2 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 5.286 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU029684.D

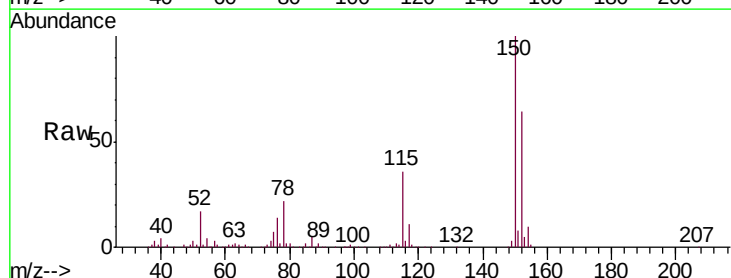
Acq: 26 Feb 2019 16:10

Tgt Ion: 75 Resp: 22611

Ion Ratio Lower Upper

75 100

77 35.1 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

